

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

15

Application Number

10/799,090

Filing Date

March 12, 2004

First Named Inventor

John M. Belcea

Art Unit

2681

Examiner Name

Not assigned

Attorney Docket Number

P2112US/0015

### ENCLOSURES (Check all that apply)

|   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form                                     | <input checked="" type="checkbox"/> Drawing(s) (5 sheets)                 | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                                | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                                | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                              | <input type="checkbox"/> Terminal Disclaimer                              | Petition to Withdraw Holding of Abandonment   |
| <input type="checkbox"/> Information Disclosure Statement                         | <input type="checkbox"/> Request for Refund                               |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                   | <input type="checkbox"/> CD, Number of CD(s) _____                        |   |
| <input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application | <input type="checkbox"/> Landscape Table on CD                            |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53         | Remarks   |   |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |                              |          |        |
|--------------|------------------------------|----------|--------|
| Firm Name    | Gardner Carton & Douglas LLP |          |        |
| Signature    |                              |          |        |
| Printed name | Joseph J. Buczynski          |          |        |
| Date         | February 25, 2005            | Reg. No. | 35,084 |

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |  |      |  |
|-----------------------|--|------|--|
| Signature             |  |      |  |
| Typed or printed name |  | Date |  |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



JPW / DAC

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

John M. Belcea

Serial No.: 10/799,090

Filed: March 12, 2004

FOR: A REAL-TIME SYSTEM AND METHOD FOR  
IMPROVING THE ACCURACY OF THE  
COMPUTED LOCATION OF MOBILE  
SUBSCRIBERS IN A WIRELESS AD-HOC  
NETWORK USING A LOW SPEED CENTRAL  
PROCESSING UNIT

Group Art Unit: 2681

Examiner: Not Assigned

PETITION TO WITHDRAW HOLDING OF ABANDONMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

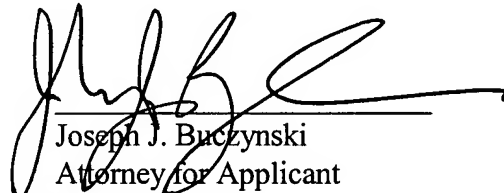
In response to the Notice of Abandonment Under 37 CFR 1.53(f) or (g) dated February 16, 2005, a copy of which is attached, Applicants respectfully petition to withdraw the holding of abandonment under 37 CFR 1.181(a). Applicants respectfully submit that a search of the file jacket was made and the docket records were reviewed and there is no indication that the attached "Notice to File Corrected Application Papers" was received. Also attached is a copy of the docket reporting showing no receipt of the "Notice to File Corrected Application Papers."

Accordingly, in response to the "Notice to File Corrected Application Papers," submitted herewith are copies of formal drawings which the undersigned believe are in compliance with 37 C.F.R. 1.84 and 1.121.

Application No. 10/799,090  
Petition to Withdraw Holding of Abandonment

The Patent Office is authorized to charge any fees pursuant to this Petition to Deposit  
Account No. 07-0181 (a copy of this filing is enclosed for this purpose).

Respectfully submitted,



Joseph J. Buczynski  
Attorney for Applicant  
Reg. No. 35,084

Gardner Carton & Douglas LLP  
1301 K Street, N.W.  
Suite 900 East Tower  
Washington, DC 20005

Dated: February 25, 2005

DC01/ 476786.1



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371(C) DATE | FIRST NAMED APPLICANT | ATTY. DOCKET NO./TITLE |
|--------------------|-----------------------|-----------------------|------------------------|
| 10/799,090         | 03/12/2004            | John M. Belcea        | P2112US                |

CONFIRMATION NO. 7592

ABANDONMENT/TERMINATION  
LETTER

\*OC000000015196487\*

08968  
GARDNER CARTON & DOUGLAS LLP  
ATTN: PATENT DOCKET DEPT.  
191 N. WACKER DRIVE, SUITE 3700  
CHICAGO, IL 60606

Date Mailed: 02/16/2005

## NOTICE OF ABANDONMENT UNDER 37 CFR 1.53 (f) OR (g)

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on 06/01/2004.

- No reply was received.

If a complete reply to the notice was previously filed by applicant within the time period set forth in the notice, applicant may request for reconsideration of the holding of abandonment within 2 months from the mailing of this notice of abandonment by filing a petition to withdraw the holding of abandonment under 37 CFR 1.181(a). No petition fee is required. The petition must be accompanied by a true copy of the originally filed reply and the item(s) identified in one of the following:

1. A properly itemized date-stamped postcard receipt (see MPEP § 503);
2. If the originally filed reply included a certificate of mailing or transmission in compliance with 37 CFR 1.8(a), a copy of the certificate of mailing or transmission and a statement in compliance with 37 CFR 1.8(b) (see MPEP §§ 512); or
3. If the reply was filed via Express Mail, a submission satisfying the requirements of 37 CFR 1.10(e) including, for example, a copy of the Express Mail mailing label showing the "date-in" (see MPEP § 513).

Any petition to withdraw the holding of abandonment should be directed to OIPE.

If applicant did not previously file a complete reply within the time period set forth in the notice, applicant may file a petition to revive the application under 37 CFR 1.137.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of **UNAVOIDABLE DELAY** must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) an adequate showing of the cause of unavoidable delay; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(i); and (4) a terminal disclaimer if required by 37 CFR 1.137(d). See MPEP § 711.03(c) and Form PTO/SB/61.


Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of **UNINTENTIONAL DELAY** must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-

identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(d). See MPEP § 711.03(c) and Form PTO/SB/64.

Any questions concerning petitions to revive should be directed to the "Office of Petitions" at (703) 305-9282. Petitions should be mailed to: Mail Stop Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

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*A copy of this notice **MUST** be returned with the reply.*

  
\_\_\_\_\_  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



## Country Application

Friday, February 25, 2005

Page: 1

|                               |                               |                 |
|-------------------------------|-------------------------------|-----------------|
| Case Number: P2112            | Country: US                   | SubCase: OR     |
| Client: Meshnetworks, Inc.    | United States of America      |                 |
| Attorney 1: JJB               | Attorney 2:                   | Attorney 3: MJS |
| Case Type: PRI                | Application Status: Pending   |                 |
| Application Number: 10/799090 | Filing Date: 12-Mar-2004      |                 |
| Publication Number:           | Publication Date:             |                 |
| Patent Number:                | Issue Date:                   |                 |
| Parent/PCT Number: 60/453965  | Parent/PCT Date : 13-Mar-2003 |                 |
| Parent Issue Number:          | Parent Issue Date :           |                 |
| Tax Schedule: LE              | Expiration Date:              |                 |
| Confirmation #:               | Patent Term Adjustment: 0     |                 |
| Agent:                        | Agent Reference #:            |                 |

GC&D C/M No: 85610-0015

### Family Reference:

Remarks: 2/23/05: Received notice of abandonment today. It looks like we did not receive the notice of missing parts they claim was mailed 6/1/04.

### List Of Actions

| Action(s) Due                  | Due Date    | Action Taken |
|--------------------------------|-------------|--------------|
| Filing receipt due from PTO    | 12-Jun-2004 | Due Date     |
| Ltr. to clnt re Not. of Aband. | 01-Mar-2005 | Due Date     |
| Petition to Revive due         | 16-Mar-2005 | Due Date     |
| Application status check       | 12-Sep-2005 | Due Date     |

### Assignment History:

| Assignment From | Assignment To      | Assignment Date | Reel   | Frame |
|-----------------|--------------------|-----------------|--------|-------|
| Inventor        | MESHNETWORKS, INC. | 29-Mar-2004     | 015150 | 0207  |

User ID: zen

Date Created: 12-Mar-2004

Last Update: 23-Feb-2005



## UNITED STATES PATENT AND TRADEMARK OFFICE

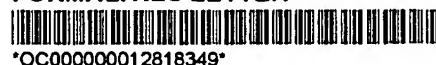
UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NUMBER | FILING OR 371 (c) DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|------------------------|-----------------------|------------------------|
| 10/799,090         | 03/12/2004             | John M. Belcea        | P2112US                |

08968  
GARDNER CARTON & DOUGLAS LLP  
ATTN: PATENT DOCKET DEPT.  
191 N. WACKER DRIVE, SUITE 3700  
CHICAGO, IL 60606

CONFIRMATION NO. 7592

## FORMALITIES LETTER



\*OC000000012818349\*

Date Mailed: 06/01/2004

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

*Filing Date Granted*


An application number and filing date have been accorded to this application. The application is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 3-5 too dark.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice MUST be returned with the reply.*

  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY